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HISTORIC AMERICAN ENGINEERING RECORD

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Jet Propulsion Laboratory Edwards Facility, HAER No. CA-163-J  
Control and Recording Center (Building 4221/E-22)  
Edwards Air Force Base  
Boron Vicinity  
Kern County  
California

Photographers' Credits:

Credit BG: Brian Grogan, Yosemite Photographics, Inc.  
December 1994/January 1995

Credit WCT: William C. Tibbitts, Photographer, Jet Propulsion  
Laboratory, Edwards Facility (dates cited in captions)

- CA-163-J-1** Photographic copy of fire alarm plan for Control and Recording Center Building 4221/E-22, showing layout of rooms. California Institute of Technology, Jet Propulsion Laboratory, Plant Engineering "Edwards Test Station, Fire Alarm Plan, Bldg. E-22," drawing no. EFA/11-1, December 15, 1961.
- CA-163-J-2** Credit WCT. Photographic copy of photograph, view looking north-northeast across formwork for Control and Recording Center Building 4221/E-22. Formwork is for access to tunnel system. In distance work on Test Stand "D" is proceeding. (JPL negative no. 384-1839-B, 17 March 1959)
- CA-163-J-3** Credit WCT. Photographic copy of photograph, view of concrete construction at Control and Recording Center, Building 4221/E-22. (JPL negative no. 384-1850-A, 30 March 1959)
- CA-163-J-4** Credit BG. View looking northwest at Control and Recording Center 4221/E-22, as seen from Test Stand "C" tower. The Test Stand "C" workshop 4213/E-14 appears at lower left of the image. To the south of 4221/E-22 lies Blower House No. 2, Building 4226/E-27, used for ventilating the tunnel system which connected 4221/E-22 to all test stands. At the southeast corner of 4221/E-22 is the Booster Pumping Station, Building 4227/E-28. To the northwest of 4221/E-22 is a Water Storage Tank, Building 4289/E-90 which supplies the water and firefighting systems at the JPL Edwards facility.

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- CA-163-J-5 Credit BG. Looking southwest at east side of Control and Recording Center 4221/E-22.
- CA-163-J-6 Credit BG. Looking southeast at west side of Control and Recording Center 4221/E-22.
- CA-163-J-7 Credit BG. View looking northeast at observation booth on northeast corner of Control and Recording Center. Test Stand "D" complex appears at left of image.
- CA-163-J-8 Credit BG. Interior view of observation booth on top of Control and Recording Center.
- CA-163-J-9 Credit WCT. Photographic copy of photograph, interior view of control room under construction in Control and Recording Center Building 4221/E-22. Stairway to tunnel system is in left background. (JPL negative no. 384-1927, 26 May 1959)
- CA-163-J-10 Credit BG. Interior of control and observation room at Control and Recording Center Building 4221/E-22.
- CA-163-J-11 Credit BG. Interior of control and observation room at Control and Recording Center, showing detail of switchboard and closed circuit television monitors.
- CA-163-J-12 Credit BG. Typical view down one of the underground tunnels connecting the Control and Recording Center with all the JPL Edwards Facility test stands. In addition to personnel traffic, the tunnel system carried electrical power cables, instrumentation and control circuits, and high pressure helium and nitrogen lines.